



November 20, 2017

**Via E-Mail: Joshua\_I\_williams@dekalbschoolsga.org**

Mr. Joshua L. Williams, MBA, MSM, PMP  
Chief Operations Officer  
DeKalb County School District  
Operations Division  
Sam Moss Service Center  
1780 Montreal Road  
Tucker, Georgia 30084

**Re: Summary of Additional Lead in Drinking Water Sample Results  
Shadow Rock Elementary School (Facility ID #1616)  
1040 Kingway Drive, Lithonia, Georgia 30058  
AEM Project No. 1561-1601**

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Lead in Drinking Water Sample Results for Shadow Rock Elementary School (Facility ID #1616). Additional drinking water samples from select source units were collected on September 20, 2017, and November 8, 2017, and analytical results were received from Analytical Environmental Services, Inc., on September 28, 2017, and November 17, 2017.

## **FINDINGS**

### ***Sample Results of Previously Identified Source Units That Exceeded 15 ppb***

During the initial sampling event on March 10, 2017, four source units were sampled and the analytical results indicated that the results were above EPA's action level of 15 parts per billion (ppb). DCSD replaced the units and AEM collected eight drinking water samples on September 20, 2017. None of the samples collected from source units OT-007, OT-009, and OT-018 contained lead at a concentration exceeding EPA's action level of 15 ppb.

One or more of the samples collected from OT-012 contained lead at a concentration exceeding EPA's action level of 15 ppb. This unit remained out of service to evaluate additional remediation alternatives.

A filter was added to the faucet of OT-012 and AEM collected two drinking water samples on November 8, 2017. None of the samples collected contained lead at a concentration at or above EPA's action level of 15 ppb.

A description of the drinking water outlet sampled and a summary of sample analytical results are provided in Table 1.

We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

**Atlanta Environmental Management, Inc.**



Leona Miles, CHMM  
Senior Project Manager



Janet T. Hart  
President

/krf

cc: Daniel Drake (DCSD)  
Tracee Hill (DCSD)  
Sandra Glenn (DeKalb County Watershed Management)  
Ryan Cira (DeKalb Board of Health)

Attachment: Table

**Table 1. Summary of Lead in Drinking Water Laboratory Analytical Retest Results**

**Shadow Rock Elementary School**

1040 Kingway Drive, Lithonia, GA 30058



Sample ID*/**	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1616-092017-OT-007-A	Initial Draw sample; Retest Sink with bubbler in Rm 115; Sampled from faucet	9/20/17 5:41 AM	None Detected
1616-092017-OT-007-B	Flush sample; Retest Sink with bubbler in Rm 115; Sampled from faucet	9/20/17 5:42 AM	None Detected
1616-092017-OT-009-A	Initial Draw sample; Retest Sink with bubbler in Rm 118; Sampled from faucet	9/20/17 5:45 AM	1.53
1616-092017-OT-009-B	Flush sample; Retest Sink with bubbler in Rm 118; Sampled from faucet	9/20/17 5:46 AM	None Detected
1616-110817-OT-012-A	Initial Draw sample; Retest Second sink on left in Recreation Room Rm 124.5; filter added	11/8/17 4:45 AM	None Detected
1616-110817-OT-012-B	Flush sample; Retest Second sink on left in Recreation Room Rm 124.5; filter added	11/8/17 4:46 AM	None Detected
1616-092017-OT-018-A	Initial Draw sample; Retest Sink with bubbler in Rm 111; Sampled from faucet	9/20/17 5:35 AM	None Detected
1616-092017-OT-018-B	Flush sample; Retest Sink with bubbler in Rm 111; Sampled from faucet	9/20/17 5:36 AM	None Detected

**Notes:**

ppb-parts per billion

**Bold**-Exceeds 15 ppb--EPA's Action Level for Lead

\* Note--Where "A" and "B" are indicated, AEM collected two samples at each source area location: ("A") initial draw sample; and ("B") after a 30-second flush sample

\*\*The source units were initially sampled on 3/10/17 and the initial results indicated that a concentration exceeded the EPA standard of 15 ppb. The source units were replaced and/or a filter was installed by DCSD and retesting was conducted. The above summarizes the retest results.